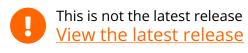


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# Labour Force, Australia

Headline estimates of employment, unemployment, underemployment, participation and hours worked from the monthly Labour Force Survey

Reference period November 2021

Released 16/12/2021

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# **Key statistics**

Seasonally adjusted estimates for November 2021:

- Unemployment rate decreased to 4.6%.
- Participation rate increased to 66.1%.
- Employment increased to 13,177,300.

- Employment to population ratio increased to 63.0%.
- Underemployment rate decreased to 7.5%.
- Monthly hours worked increased by 77 million hours.

	Oct-2021	Nov-2021	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Seasonally adjusted						
Employed people	12,811,100	13,177,300	366,100	2.9%	348,500	2.7%
Unemployed people	706,000	636,700	-69,400	-9.8%	-304,200	-32.3%
Unemployment rate	5.2%	4.6%	-0.6 pts	na	-2.2 pts	na
Underemployment rate	9.5%	7.5%	-2.0 pts	na	-1.9 pts	na
Participation rate	64.6%	66.1%	1.4 pts	na	0.0 pts	na
Monthly hours worked in all jobs	1,724 million	1,801 million	77 million	4.5%	47 million	2.7%

Estimates of changes throughout this release are calculated using un-rounded level estimates and may be different from, but are more accurate than, movements obtained from the rounded level estimates.

# Survey impacts and changes

## Hours worked - insights and additional data

The ABS is continuing to publish insights into hours worked each month. Given the extent of changes around lockdowns, the ABS has also included data cubes EM2a and EM2b in today's release. These data cubes are usually only released in Labour Force, Australia, Detailed, but will also be released in the headline release over the coming months, to enable more detailed analysis of changes in hours worked and the reasons that people are working reduced or no hours.

# Quarterly rebenchmarking of labour force statistics

The ABS has revised the original Labour Force series from April 2020 to reflect the latest available preliminary and final estimates of the Estimated Resident Population. This quarterly process ensures that the Labour Force series promptly reflect any change in

population trends and minimises the size of revisions that can occur when the series are rebenchmarked following each Census of Population and Housing.

In response to COVID-19 related changes in travel, the ABS has been revising preliminary Net Overseas Migration estimates more frequently. Net Overseas Migration estimates are a component of population estimates, from which Labour Force benchmarks are produced. These revisions have been incorporated into the quarterly rebenchmarking revisions. For more information, please refer to 'Net Overseas Migration revisions in Labour Force benchmarks during COVID-19 (/statistics/labour/employment-and-unemployment/labour-force-australia/apr-2020#covid-19-impacts-and-changes).'

The usual resident civilian population in September 2021 was revised down by around 0.11% (around 23,600 people).

Revisions to original series also result in revisions to seasonally adjusted series.

# Unemployment and job loss in Australia during the COVID-19 period

There are many ways to analyse unemployment and the loss of work using ABS Labour Force Survey statistics. Given the unusual labour market impacts and recovery during the pandemic, the ABS has been highlighting changes in hours worked (including people working reduced or no hours), underemployment, changes in employment and unemployment, and changes in labour force participation.

There have been a range of composite measures produced from ABS Labour Force data to explore aggregate changes in the labour market during the pandemic. For example, the Commonwealth Treasury has produced a composite measure, referred to as the 'effective unemployment rate', which includes unemployed people, plus any unseasonal increase in employed people who still had a job but worked zero hours for 'economic' or 'other reasons', plus the net change in people in the labour force (compared with a fixed base period), as a proportion of the labour force in the fixed base period. When calculating the effective unemployment rate for Australia, Commonwealth Treasury are currently using May 2021 as the base month, which was prior to the lockdowns related to the Delta variant.

In addition to considering net changes in Labour Force populations (which can be found in Time series spreadsheet Table 1 of Labour Force, Australia), the ABS also produces information on the underlying components of this net change - the flows into and out of the labour force. Information on these flows is available, in original terms, in datacube GM1.

# Understanding how COVID-19 support is reflected in Labour Force statistics

Over the course of the pandemic there has been a range of support provided by governments to people and businesses. These support programs have changed over time, which is important to consider when assessing changes in Labour Force statistics through the COVID period, including the extent to which people have lost their jobs or have reduced (or no) hours of work but remain employed.

The current main government support payments are paid directly to people (including the COVID-19 Disaster Relief Payment and JobSeeker Payment) or directly to businesses (including the JobSaver Payment, which, unlike the JobKeeper wage subsidy, is not paid to businesses with an explicit payroll connection to specific employees).

The ABS continues to categorise people as 'employed' or 'not employed' in the survey using the long-standing concepts and practices used in Labour Force statistics, and are not impacted or determined by whether a person or employing business is eligible or in receipt of government support.

The <u>Labour Force Survey questionnaire (https://www.abs.gov.au/methodologies/labour-force-australia-methodology/nov-2021)</u>, which has not changed during the COVID period, starts with two key questions that identify whether the respondents were employed:

- Did you do any work at all in a job, business or farm last week?
- Did you have a job, business or farm that you were away from because of holidays, sickness or any other reasons?

Anyone who indicates that they DID paid work will be considered 'employed'.

If they DIDN'T do any paid work (paid by their employer or business), the second question will then ascertain whether they still had a job but didn't do any work because they were temporarily away from work.

Anyone who indicates that they DIDN'T have a job (that they were absent from) will be categorised as 'not employed' and either 'unemployed' or 'not in the labour force', depending on their responses to other questions. People can be 'unemployed' or 'not in the labour force' while receiving the COVID-19 Disaster Payment or the JobSeeker Payment. To be categorised as 'unemployed' people must have not worked, be looking for work and available to start work.

Whereas, anyone who indicates that they DID have a job (that they were absent from) will be considered 'employed' if they were away from work for less than 4 weeks, or paid by their

employer for any part of the last four weeks. These are key factors in determining whether someone is employed, particularly during lockdown periods.

Over the pandemic, falls in employment during lockdown periods have tended to increase as lockdowns have extended beyond 4 weeks. At that point, people who were temporarily absent from work and not paid by their employer for any part of the last four weeks are no longer considered to be 'employed' and will instead be either 'unemployed' or 'not in the labour force', depending on their responses to other questions. This is regardless of whether they still have an attachment to their job. It is also important to note that during lockdowns many people leaving employment will also leave the labour force entirely, given the challenges in actively look for work and being available for work.

A <u>spotlight on changes in job attachment during the pandemic (/articles/insights-job-attachment-during-pandemic-november-2021)</u> is included in this release.

## Seasonal adjustment and trend estimates

In the April 2020 Labour Force release, the ABS advised that the method used to produce seasonally adjusted estimates would be changed from the 'concurrent' method to the 'forward factors' method, during the COVID-19 period. The forward factors approach is better suited to managing large movements at the end point of series and ensures that large movements do not have a disproportionate influence on the seasonal factors.

Given the large movements in the labour market during the COVID-19 period and the continuing use of a forward factors approach to seasonal adjustment, the ABS undertook an extensive annual review of its seasonally adjusted Labour Force series, prior to the release of April 2021 estimates.

Through this process static forward factors have been calculated for the next 12 months taking effect from the April 2021 release (and the release of May 2021 Labour Force, for the quarterly series).

# Survey response and timeline

The November Labour Force Survey was run in respect of the two weeks from Sunday 31 October to Saturday 13 November, and collected over the period from Sunday 7 November to Saturday 27 November.

The ABS would like to thank Australians for their continued support in responding to our surveys during such a difficult time, given how critically important this information is.

#### Reference and Enumeration Dates

Publication	Start of Reference Week	End of Reference Week	Start of Emuneration	End of Enumeration
October 2021	26th September 2021	9th October 2021	3th October 2021	23th October 2021
November 2021	31st October 2021	13th November 2021	7th November 2021	27th November 2021
December 2021	28th November 2021	11th December 2021	5th December 2021	23rd December 2021
January 2022	2nd January 2022	15th January 2022	9th January 2022	29th January 2022
February 2022	30th January 2022	12th February 2022	6th February 2022	26th February 2022
March 2022	27th February 2022	12th March 2022	6th March 2022	26th March 2022

#### Articles and other information

This months Labour Force release includes:

- <u>Insights into hours worked, November 2021 (/articles/insights-hours-worked-november-2021)</u>
- <u>Insights into job attachment during the pandemic, November 2021 (/articles/insights-job-attachment-during-pandemic-november-2021)</u>

For a list of previously published LFS articles, see the <u>Article archive (/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#article-archive)</u>.

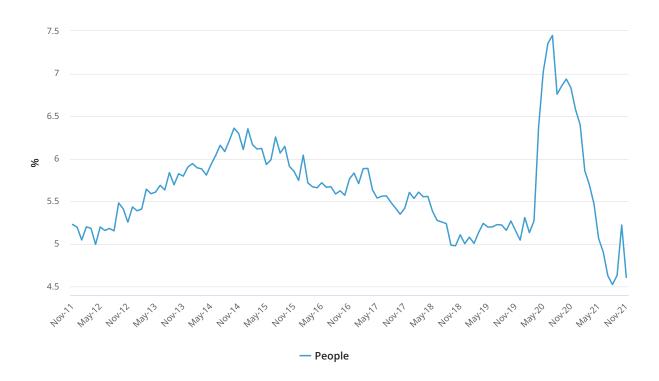
Additional spreadsheets and pivot tables are published in <u>Labour Force</u>, <u>Australia</u>, <u>Detailed (/statistics/labour/employment-and-unemployment/labour-force-australia-detailed/latest-release)</u> one week after this release, while longitudinal labour force microdata are released in the ABS DataLab, on the 23 December 2021 (see <u>Microdata: Longitudinal Labour Force</u>, <u>Australia (/statistics/microdata-tablebuilder/available-microdata-tablebuilder/longitudinal-labour-force-australia)</u>).

# **Unemployment**

In seasonally adjusted terms, in November 2021:

- The unemployment rate decreased by 0.6 pts to 4.6%
- The unemployment rate was 0.7 pts below March 2020
- Unemployed people decreased by 69,400 to 636,700
- Unemployed people was 86,600 lower than March 2020
- The youth unemployment rate decreased by 2.2 pts to 10.9%
- The youth unemployment rate was 0.6 pts lower than March 2020

## Unemployment rate, Seasonally adjusted



# **Employment**

In seasonally adjusted terms, in November 2021:

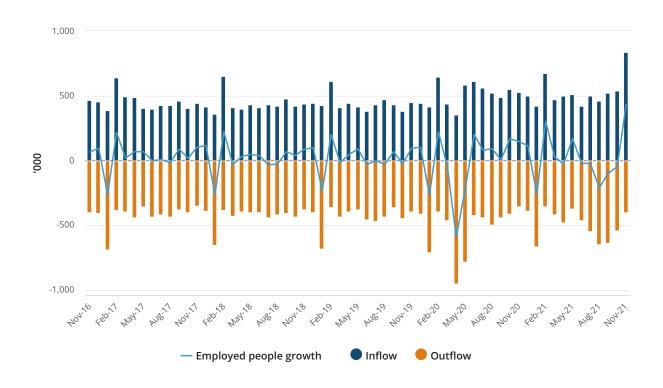
- Employment increased by 366,100 people (2.9%) to 13,177,300 people
- Employment was 181,800 people (1.4%) higher than March 2020

# Flows into and out of employment

Flows into and out of employment are extensive and are based on the net matched sample of original employment growth between two consecutive months (around 80% of the sample). The (net) sum of the inflows and outflows does not necessarily equal the 'net' employment growth.

For November 2021 the net change in the number of employed people is the result of around 835,000 people entered employment (i.e. they were not employed in October but were employed in November), while around 400,000 people left employment (i.e. they were employed in October but were not employed in November). This contrasts with October 2021 where around 540,000 people entered employment and around 540,000 people left employment.

## Monthly inflows, outflows and employment growth, Original

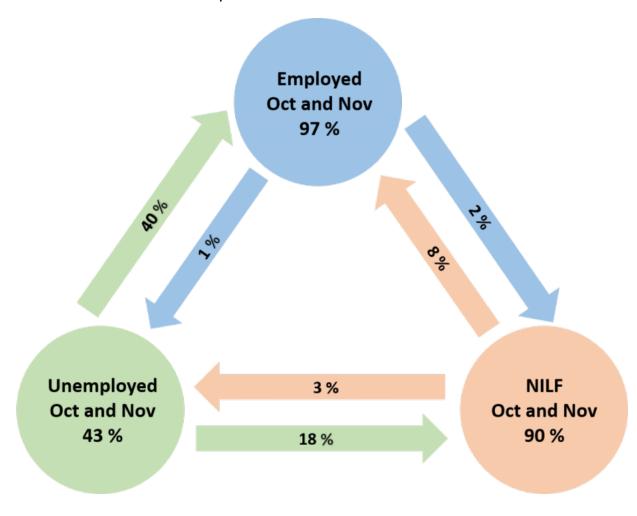


Note: As the inflows and outflows analysis is based on the matched sample (around 80% of the sample), and the original employment growth is based on the entire sample and the latest months weight, the (net) sum of the inflows and outflows does not necessarily equal the 'net' employment growth.

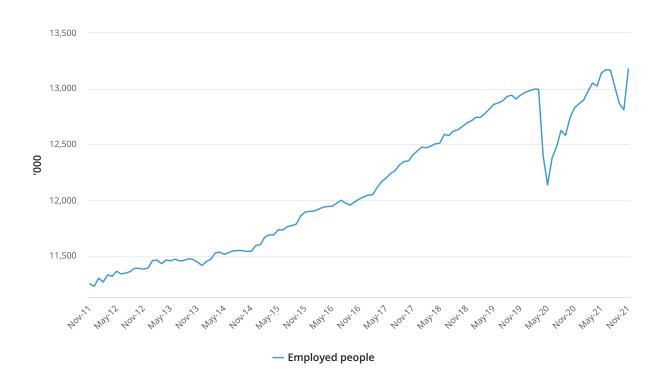
The following diagram shows the proportion of people moving between employment, unemployment and not in the labour force between October and November (based on the matched sample). It shows that:

- 97% of people employed in October were also employed in November (with 1% moving to unemployment and 2% to not in the labour force)
- 43% of people unemployed in October were also unemployed in November (with 40% moving to employment and 18% to not in the labour force)
- 90% of people not in the labour force in October were also not in the labour force in November (with 8% moving to employment and 3% to unemployment)

#### Flows in labour force status, October to November



## Employed people, Seasonally adjusted



## Full-time and part-time employment

In seasonally adjusted terms, in November 2021:

- Full-time employment increased by 128,300 to 9,052,900 people, and part-time employment increased by 237,800 to 4,124,400 people
- The part-time share of employment was 31.3%, 0.5 pts lower than in March 2020

# **Employment-to-population ratio**

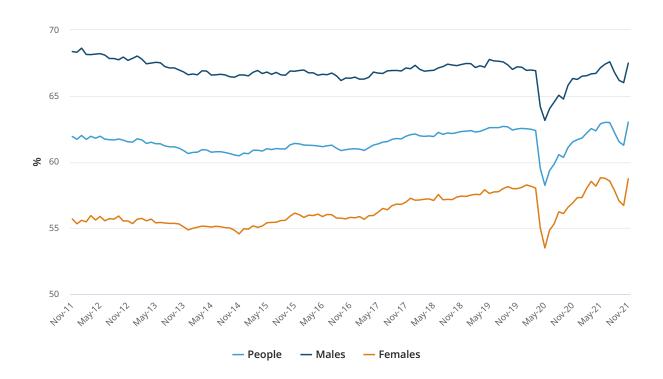
In seasonally adjusted terms, in November 2021, the employment-to-population ratio:

- Increased by 1.8 pts to 63.0%
- Higher than March 2020 by 0.6 pts

The employment-to-population ratio provides a measure of employment relative to the size

of the population.

# Employment-to-population ratio, Seasonally adjusted



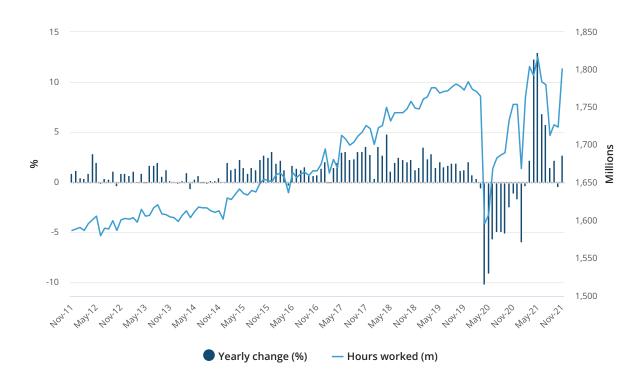
## Hours worked

In seasonally adjusted terms, in November 2021, monthly hours worked in all jobs:

- Increased by 76.7 million hours (4.5%) to 1,801 million hours
- Increased by 35.7 million hours (2.0%) from March 2020

See the article <u>Insights into hours worked (/articles/insights-hours-worked-november-2021)</u> for more.

# Monthly hours worked in all jobs, Seasonally adjusted

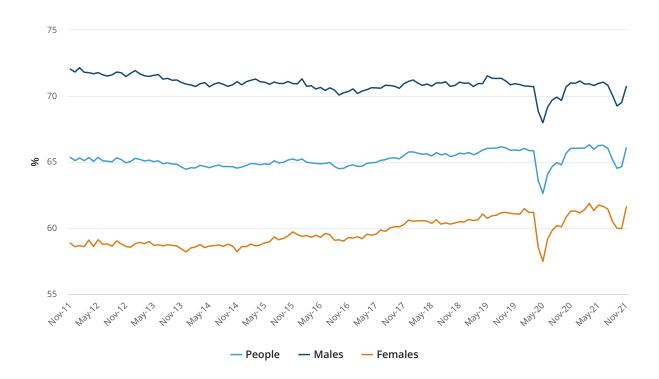


# **Participation**

In seasonally adjusted terms, in November 2021, the participation rate:

- Increased by 1.4 pts to 66.1%
- Increased by 1.2 pts for men to 70.7% and increased by 1.6 pts to 61.6% for women
- Higher than March 2020 by 0.2 pts

# Participation rate, Seasonally adjusted

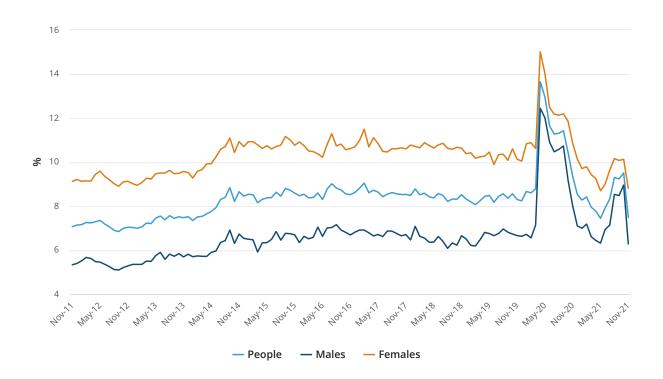


# Underemployment

In seasonally adjusted terms, in November 2021:

- The underemployment rate decreased by 2.0 pts to 7.5%
- The underemployment rate was 1.3 pts lower than March 2020
- The underutilisation rate decreased by 2.6 pts to 12.1%

# Underemployment rate, Seasonally adjusted



# States and territories

# November 2021, Seasonally adjusted

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Noi Tei
Employed people	4,127,700	3,446,600	2,660,100	884,500	1,444,000	261,500	
Employed people - monthly change	4.6%	4.3%	0.5%	1.2%	1.6%	0.7%	
Employment to population ratio	62.0%	63.6%	63.0%	60.5%	66.8%	58.3%	
Employment to population ratio - monthly change	2.7 pts	2.7 pts	0.3 pts	0.7 pts	1.0 pts	0.4 pts	

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Noı Teı
Unemployment rate	4.6%	4.7%	4.8%	4.6%	3.8%	5.1%	
Unemployment rate - monthly change	-0.8 pts	-0.9 pts	-0.4 pts	-0.7 pts	-0.1 pts	0.0 pts	
Underemployment rate	7.4%	7.3%	7.9%	8.1%	6.6%	8.4%	
Underemployment rate - monthly change	-3.2 pts	-4.0 pts	0.0 pts	-0.1 pts	0.3 pts	0.4 pts	
Participation rate	64.9%	66.8%	66.2%	63.5%	69.4%	61.4%	
Participation rate - monthly change	2.3 pts	2.2 pts	0.1 pts	0.2 pts	1.0 pts	0.4 pts	

# Rotation group analysis

# Sample composition and rotation

The Labour Force Survey sample can be thought of as comprising eight sub-samples (rotation groups), with each sub-sample remaining in the survey for eight months, and one group "rotating out" each month and being replaced by a new group "rotating in". As seven-eighths of the sample are common from one month to the next, changes in the estimates reflect real changes in the labour market, rather than changes in the sample. The replacement sample is generally selected from the same geographic areas as the outgoing one, as part of a representative sampling approach.

The sample comprises three components:

- the matched common sample (people who responded in both the current month and previous month)
- the unmatched common sample (people who responded in the current month but who did not respond in the previous month, or vice versa)
- the incoming rotation group (replacing people who rotated out)

The matched common sample describes the change observed for the same respondents in the current and previous month, while the other two components reflect differences between the aggregate labour force status of different groups of people.

While the rotation groups are designed to be representative of the population, the outgoing

and incoming rotation groups will almost always have somewhat different characteristics, as they reflect different households and people. The design of the survey, including the weighting and estimation processes, ensures that these differences are generally relatively minor and do not affect the representativeness of the survey and its estimates. Monthly estimates are designed to be representative, regardless of the relative contribution of the three components of the sample.

The contributions of the three sample components to the original estimates of employed, unemployed and not in the labour force are in the Contribution from sample components to estimates spreadsheet.

## Estimates for the incoming and outgoing rotation groups

#### Incoming and outgoing rotation groups

	October outgoing rotation group	November incoming rotation group	November outgoing rotation group	November estimate (Original)
Employment to population ratio	58.8%	64.6%	62.7%	63.3%
Full-time employment to population ratio	40.0%	44.8%	42.3%	43.4%
Unemployment rate	5.4%	4.2%	4.3%	4.3%
Participation rate	62.2%	67.4%	65.4%	66.1%

#### States and territories

In addition to analysis across the entire sample, the ABS also undertakes similar analysis for the responding sample in each state and territory each month, and highlights where there is a notable change for users to be aware of. For example, in November 2021, the incoming rotation group in Northern Territory had a lower employment-to-population ratio and population share than the group it replaced. These ratios of the incoming rotation group in Northern Territory were the lowest among all the rotation groups. As with any notable month-to-month movement of this nature in state and territory estimates, the ABS recommends exercising a degree of caution in interpreting short-term changes.

As for its reporting for the entire sample, where the ABS has not highlighted a notable incoming rotation group effect, any larger changes should therefore be considered to reflect

# Managing COVID-19 impacts on the incoming rotation groups

In response to COVID-19 and the suspension of face-to-face interviewing, the ABS boosted the size of sample for the incoming rotation groups from June to December 2020 to ensure response level were around the same as pre-COVID-19 rotation groups. This has ensured a comparable level of fully responding households to the pre-COVID period.

In response to the data collection challenges presented by lockdowns in South East Australia related to the COVID-19 Delta strain, the ABS boosted the size of the sample for the incoming rotation group in New South Wales in September 2021, and in New South Wales and Victoria in October and November 2021. This has ensured that survey response has remained at a similar level to the pre-COVID period. The incoming rotation groups for December 2021 and January 2022 will also be boosted to ensure a comparable level of responding households.

Between April and September 2020, and in September and October 2021, additional weighting treatments were used to effectively account for a slightly higher level of non-response. No such treatment was required for November 2021.

# Comparability with seasonally adjusted data

The gross flows and rotation group data are in original terms only, and are included to provide additional information on the month-to-month movements. They have a considerable level of inherent sampling variability, which is specifically adjusted for in the seasonally adjusted series.

While trend data usually provides the best measure of the underlying behaviour of the labour market, in times of large changes in the labour market, seasonally adjusted data provides a better estimate of the most recent months. The ABS has temporarily suspended the trend series until labour market indicators become more stable, see <u>Suspension of trend series and changes to seasonal adjustment during the COVID-19 period (/statistics/labour/employment-and-unemployment/labour-force-australia/apr-2020#covid-19-impacts-and-changes)</u>.

Contribution from sample components to estimates

#### Data downloads

#### Changes to Excel file format on the ABS website

In line with updating to more recent technology formats, the ABS will progressively transition to releasing Excel files in the .XLSX format. This means that timeseries spreadsheets in the suite of labour statistics releases will be progressively upgraded from .XLS files to .XLSX files.

While this change will improve usability, it may also require changes to automated macros or similar programs that users may have in place that call on the current file extension format.

For Labour Force products, this change will take effect from the release of November data on 16 December 2021 and for the release of detailed data on 23 December 2021. Previously released data will not change.

Changes will be reflected in other labour statistics from the following dates:

- Job Vacancies, to be released on 12 January 2022
- Employee Earnings and Hours, to be released on 19 January 2022
- Average Weekly Earnings, to be released on 24 February 2022
- Labour Account, to be released on 9 March 2022
- Industrial Disputes, to be released on 10 March 2022

Some labour statistics, such as Weekly Payroll Jobs and Wages in Australia, already publish Excel data in .XLSX format. No changes will be required for those releases.

Labour Force Survey results are released in three stages.

- 1. Spreadsheets of the headline indicators are published in this release
- 2. Additional, more detailed spreadsheets and pivot tables are published in <u>Labour Force</u>, <u>Australia</u>, <u>Detailed</u> (/statistics/labour/employment-and-unemployment/ <u>labour-force-australia-detailed/latest-release</u>) one week after this first release
- 3. Longitudinal labour force microdata are released in the ABS DataLab on a monthly basis, one day after the detailed release (see <a href="Microdata: Longitudinal Labour Force">Microdata: Longitudinal Labour Force</a>, Australia (/statistics/microdata-tablebuilder/available-microdata-tablebuilder/longitudinal-labour-force-australia))

See the Survey output (/methodologies/labour-force-australia-methodology/

<u>nov-2021#survey-output</u>) section of Labour Force, Australia methodology for more information.

#### **Labour Force status**

Table 1. Labour force status by Sex, Australia - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[971.91 KB]

Table 4. Labour force status by Sex, New South Wales - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[678.94 KB]

Table 5. Labour force status by Sex, Victoria - Trend, Seasonally adjusted and Original

**<u> ▶</u> Download** XLSX

[678.94 KB]

Table 6. Labour force status by Sex, Queensland - Trend, Seasonally adjusted and Original

**<u>▶</u>** Download XLSX

[681.15 KB]

Table 7. Labour force status by Sex, South Australia - Trend, Seasonally adjusted and Original

**<u> → Download XLSX</u>** 

[677.44 KB]

Table 8. Labour force status by Sex, Western Australia - Trend, Seasonally adjusted and Original

**<u> → Download XLSX</u>** 

[679.61 KB]

Table 9. Labour force status by Sex, Tasmania - Trend, Seasonally adjusted and Original

**▶ Download** XLSX

[683.71 KB]

Table 10. Labour force status by Sex, Northern Territory - Trend and Original

**↓ Download** XLSX

[630.45 KB]

Table 10a. Labour force status by Sex, Northern Territory - Seasonally adjusted

#### **<u> → Download XLSX</u>**

[159.16 KB]

Table 11. Labour force status by Sex, Australian Capital Territory - Trend and Original

#### **▶ Download** XLSX

[583.46 KB]

Table 11a. Labour force status by Sex, Australian Capital Territory - Seasonally adjusted

#### **<u> → Download XLSX</u>**

[158.98 KB]

Table 12. Labour force status by Sex, State and Territory - Trend, Seasonally adjusted and Original

#### **↓ Download** XLSX

[5.83 MB]

Table 12a. Labour force status by Sex, Territory - Seasonally adjusted

#### **▶ Download** XLSX

[271.3 KB]

Table 13. Labour force status for 15-24 year olds by Sex - Trend, Seasonally adjusted and Original

#### **<u> → Download XLSX</u>**

[960.58 KB]

Table 15. Labour force status for 15-24 year olds by Educational attendance (full-time) and Sex

#### **<u> → Download XLSX</u>**

[751.6 KB]

Table 16. Labour force status for 15-24 year olds by State, Territory and Educational attendance (full-time)

#### **<u> → Download XLSX</u>**

[2.3 MB]

Table 17. Labour force status for 15-19 year olds by Sex - Trend, Seasonally adjusted and Original

#### **<u> → Download XLSX</u>**

[787.89 KB]

Table 18. Labour force status for 15-64 year olds by Sex - Trend, Seasonally adjusted and Original

#### **▶ Download** XLSX

[967.27 KB]

#### Hours worked

Table 19. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and by State and Territory - Trend and Seasonally adjusted

**<u> ▶</u> Download** XLSX

[367.05 KB]

Table 19a. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and Territory - Seasonally adjusted

**▶ Download** XLSX

[59.81 KB]

Table 21. Quarterly hours worked in all jobs by Market and Non-market sector - Seasonally adjusted

**<u>↓</u> Download** XLSX

[56.65 KB]

EM2a - Employed persons who worked fewer hours than usual by hours actually worked in all jobs and sex, January 1991 onwards (pivot table)

**↓ Download** XLSX

[19.98 MB]

EM2b - Employed persons who worked fewer hours than usual by hours actually worked in all jobs, state and territory, January 1991 onwards (pivot table)

**▶ Download** XLSX

[9.25 MB]

## Underemployment and underutilisation

Table 22. Underutilised persons by Age and Sex - Trend, Seasonally adjusted and Original

**<u> ▶ Download XLSX</u>** 

[6.55 MB]

Table 23. Underutilised persons by State and Territory and Sex - Trend, Seasonally adjusted and Original

**↓ Download** XLSX

[8.23 MB]

Table 23a. Underutilised persons by Territory and Sex - Seasonally adjusted

**<u> → Download XLSX</u>** 

[391.17 KB]

Table 24. Underutilised persons by Age and Sex (expanded analytical series)

**↓ Download** XLSX

[399.58 KB]

Table 25. Underutilised persons by State, Territory and Sex (expanded

#### analytical series)

#### **<u>▶</u>** Download XLSX

[331.58 KB]

#### Flows into and out of employment

GM1 - Labour force status and Gross changes (flows) by Age, Sex, State and Territory, February 1991 onwards

**<u> ▶ Download XLSX</u>** 

[96.75 MB]

#### All time series spreadsheets

#### All time series spreadsheets

**↓ Download** ZIP

[28.76 MB]

## **Data Explorer datasets**

Caution: Data in the Data Explorer is currently released after the 11:30am release on the ABS website. Please check the time period when using Data Explorer.

For information on Data Explorer and how it works, see the <u>Data Explorer user guide (/ about/data-services/data-explorer/data-explorer-user-guide)</u>.

Labour force status by Sex, State and Territory (https://explore.data.abs.gov.au/vis? tm=labour%20force&pg=0&df[ds]=ABS\_ABS\_TOPICS&df[id]=LF&df[ag]=ABS&df[vs]=1.0.0&hc [Measure]=Labour%20Force&hc[ABS%20Topics]=LABOUR&pd=2021-01%2C&dq=M9.3.1599. 30%2B10%2B20.AUS.M&ly[cl]=TIME\_PERIOD&ly[rw]=TSEST)\_ - Number of people employed, unemployed and not in the labour force, monthly, February 1978 and onwards

#### Article archive

# Understanding the labour force

<u>Understanding full-time and part-time work (/articles/understanding-full-time-and-part-time-work) (January 2021)</u>

<u>Understanding differences between Labour Force employment statistics and Weekly Payroll</u>

Jobs (/articles/understanding-differences-between-labour-force-employment-statistics-and-weekly-payroll-jobs) (April 2020)

<u>Classifying people during the COVID-19 period (https://www.abs.gov.au/articles/classifying-people-labour-force-survey-during-covid-19-period) (March 2020)</u>

<u>Labour Force Explained (https://www.abs.gov.au/websitedbs/D3310114.nsf/home/labour+force+explained)</u> (September 2017)

<u>Understanding the Australian labour force using ABS statistics (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features999Dec%202013)</u> (December 2013)

<u>Understanding full-time / part-time status in the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Sep%202013)</u> (September 2013)

Employment level estimates versus employment to population ratio explained (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jan%202012) (January 2012)

## **Employment and jobs**

<u>Charts on casual employment, occupation and industry (/articles/charts-casual-employment-occupation-and-industry-august-2021) (August 2021)</u>

<u>Charts on casual employment, occupation and industry (/articles/charts-casual-employment-occupation-and-industry)</u> (May 2021)

<u>Changing female employment over time (/articles/changing-female-employment-over-time)</u> (February 2021)

<u>Insights into casual employment, occupation and industry (https://www.abs.gov.au/articles/insights-casual-employment-occupation-and-industry)</u> (November 2020)

<u>Strong employment growth for non-employees (/articles/strong-employment-growth-non-employees)</u> (August 2020)

State and territory employment and hours worked (/articles/state-and-territory-employment-and-hours-worked) (August 2020)

<u>Employment and unemployment: An International Perspective (/articles/employment-and-unemployment-international-perspective) (August 2020)</u>

Flows into and out of employment and unemployment (/articles/flows-and-out-

employment-and-unemployment)\_(June 2020)

Insights into industry and occupation (/articles/insights-industry-and-occupation) (May 2020)

Employment and unemployment: An international perspective (/articles/employment-and-unemployment-international-perspective-may-2020) (May 2020)

Employment and unemployment: An international perspective (/articles/employment-and-unemployment-international-perspective-april-2020) (April 2020)

<u>People moving into or out of employment or unemployment every month (/articles/people-moving-or-out-employment-or-unemployment-every-month) (March 2020)</u>

How many people work one hour a week (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202019) (January 2019)

<u>Leave entitlements (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features6Nov%202015)</u> (November 2015)

<u>Duration of employment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features7Nov%202015)</u> (November 2015)

Sector of main job (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features10Nov%202015) (November 2015)

Estimating jobs in the Australian labour market (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features1100Feb%202013) (February 2013)

Employment in mining in Queensland, New South Wales and Western Australia (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2May%202012) (May 2012)

# Unemployment and underemployment

<u>Insights into job attachment during the pandemic (/articles/insights-job-attachment-during-pandemic)</u> (October 2021)

<u>Underemployment: Reduced hours or prefers more hours (https://www.abs.gov.au/articles/underemployment-reduced-hours-or-prefers-more-hours) (December 2020)</u>

Employment and unemployment: An International Perspective (/articles/employment-and-unemployment-international-perspective) (August 2020)

<u>Understanding unemployment and the loss of work during the COVID-19 period: An</u>

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Hours not worked - Hours-based measures of unemployment and underemployment (/ articles/hours-not-worked-hours-based-measures-unemployment-and-underemployment) (May 2020)

People who lost a job or were stood down: Flows analysis (/articles/people-who-lost-job-or-were-stood-down-flows-analysis-april-2020) (April 2020)

Reasons people are not in the labour force (/articles/reasons-people-are-not-labour-force) (April 2020)

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<u>Underemployment in Australia (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features10September%202018)</u> (September 2018)

<u>Spotlight on underemployment (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Nov%202016)</u> (November 2016)

Measures of underemployment and underutilisation (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features5Nov%202015) (November 2015)

Full-time and part-time job search (https://www.abs.gov.au/AUSSTATS/abs@.nsf/ Previousproducts/6291.0.55.001Main%20Features6Nov%202015) (November 2015)

<u>Hours-based measures of unemployment and underemployment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features8Nov%202015)</u>
(November 2015)

Retrenchment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/

6291.0.55.003Main%20Features9Nov%202015) (November 2015)

<u>Did you know - Underemployment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Jun%202013)</u> (June 2013)

Exploring labour force data on joblessness (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Feb%202012) (February 2012)

#### Hours worked

<u>Insights into hours worked (/articles/insights-hours-worked-october-2021)</u> (October 2021)

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<u>Insights into hours worked (/articles/insights-hours-worked-may-2021) (May 2021)</u>

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<u>Insights into hours worked (/articles/insights-hours-worked-january-2021) (January 2021)</u>

<u>Insights into hours worked (https://www.abs.gov.au/articles/insights-hours-worked-december-2020)</u> (December 2020)

Insights into hours worked (https://www.abs.gov.au/articles/insights-hours-worked-november-2020) (November 2020)

<u>Insights into hours worked (https://www.abs.gov.au/articles/insights-hours-worked-october-2020)</u> (October 2020)

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Hours not worked - Hours-based measures of unemployment and underemployment (/ articles/hours-not-worked-hours-based-measures-unemployment-and-underemployment) (May 2020)

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<u>Insights into hours worked (/articles/insights-hours-worked)</u> (March 2020)

Insights into detailed Labour Force Survey hours worked data (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.001Main%20Features3Feb%202020?

opendocument&tabname=Summary&prodno=6291.0.55.001&issue=Feb%202020&num=&view=)\_(February 2020)

Revisions to monthly hours worked in all jobs (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5Jul%202016) (July 2016)

# Regional estimates

Impacts on the Australian labour market: A regional perspective (/articles/impacts-australian-labour-market-regional-perspective-april-2020) (April 2020)

Advice on reporting regional labour force data (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6291.0.55.001Main%20Features4Dec%202017) (December 2017)

Analysis of changes to Labour Force regional estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6291.0.55.003Main%20Features2Feb%202014) (February 2014)

## LFS content and output

ABS Labour Statistics: A broad range of information (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features7Jul%202019) (July 2019)

500th issue of 6202.0 (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features6Jan%202018) (January 2018)

<u>Labour Force Survey pivot tables (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6291.0.55.001Main%20Features2Aug%202017)</u> (August 2017)

Expanded education data from the Labour Force Survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6291.0.55.003Main%20Features3Aug%202016) (August 2016)

Change to Status in Employment output (https://www.abs.gov.au/AUSSTATS/abs@.nsf/ Previousproducts/6202.0Main%20Features5Jul%202015) (July 2015)

Forthcoming improvements to the content of the Labour Force and Labour Supplementary. Surveys (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202013) (January 2013)

<u>Upcoming changes to the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jul%202012)</u> (July 2012)

<u>Labour Household Surveys content review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jun%202012)</u> (June 2012)

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Improvement to the trending method for Labour Force rates and ratios (https://www.abs.gov.au/Ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Oct%202019) (October 2019)

Assessing volatility in Labour Force statistics (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features6Jul%202019) (July 2019)

On-line collection in the Labour Force Survey (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features10Apr%202019) (April 2019)

<u>Annual seasonal re-analysis (https://www.abs.gov.au/Ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Mar%202019)</u> (March 2019)

<u>Improvements to trend estimation (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/</u>

6202.0Main%20Features7Mar%202018) (March 2018)

Major re-benchmarking of Labour Force series (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0.55.003Main%20Features2October%202017) (October 2017)

<u>Changes to filter lengths used in labour statistics (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features6Feb%202017)</u> (February 2017)

<u>Update on recommendation 7 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Nov%202015)</u> (November 2015)

<u>Progress with recommendations from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Jul%202015)</u> (July 2015)

<u>Update on recommendations 10 and 11 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Jun%202015)</u> (June 2015)

<u>Update on recommendation 7 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4May%202015)</u> (May 2015)

<u>Update on recommendations from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5Mar%202015)</u> (March 2015)

Rebenchmarking Labour Force estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Feb%202015) (February 2015)

Independent technical review into the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Nov%202014) (November 2014)

Removing the effect of supplementary surveys from seasonally adjusted estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Oct%202014) (October 2014)

Rebenchmarking Labour Force estimates to the 2011 Census (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202014) (January 2014)

New Labour Force sample design (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5May%202013) (May 2013)

Transition to online collection of the Labour Force survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Apr%202013) (April 2013)

Rebenchmarking of Labour Force series (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Nov%202012) (November 2012)

<u>Population benchmarks and Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Apr%202012)</u> (April 2012)

Historical revisions (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Feb%202011) (February 2011)

Impact of the floods on the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jan%202011) (January 2011)

### Previous catalogue number

This release previously used catalogue number 6202.0.

# Methodology

<u>Labour Force, Australia methodology, November 2021</u>